

DIMITRIU, C.C., prof.; BULIGESCU, L., dr.; ARESTEANU, L., dr.; SUCIU, Dan,
dr.; TOMESCU, V., dr.; MARINESCU, M.dr.; ANDRONESCU, M., dr.;
SOLOMON, Sela, dr.

The importance of early diagnosis of postviral chronic hepatitis.
Med. inter., Bucur 13 no.5:673-678 My '61.

1. Lucrare efectuata in Clinica medicala a Spitalului "C.Davilla",
I.M.F., Bucuresti.

(HEPATITIS, INFECTIOUS complications)
(LIVER CIRRHOSIS prev. & control) (HEPATITIS diagnosis)

SUCIU, Doina (Bucuresti)

"Small geographical atlas." Reviewed by Doina Suciu. Natura Geografie
14 no.5:85 S-0 '62.

SUCIU, Nicolae, ing.; SUCIU, Elena, ing.

Research on the formation of funnels in noncalmed steels
with low carbon content. Metalurgia constr mas 14 no.8:688-693
Ag '62.

1. Uzina "Otelul Rosu".

SUCIU, Nicolae, ing.; SUCIU, Elena, ing.

Results of tests on the carburization of the metal bath with coke during steel elaborating in Martin furnaces. Metalurgia si constr mas 15 no.3:204-206 Mr '63.

Bacchus, E. M. S.

- 18
1. "Electron-Proton Collisional Processes",
 A. DEUTSCH, Appendix PROTON, SCIENTIFIC JOURNAL,
 pp 6-5.
 2. "The Symbols of Engineer Oring" I. FORMAN, Engineering,
 pp 6-5.
 3. "Interparticle Neutralization of Particles" JOSEPH WILSON
PHYSICAL CHEMISTRY, SCIENCE, TECHNIQUE, SCIENTIFIC JOURNAL,
SCIENTIFIC INSTITUTE, p. 1.
 4. "Beyond the Milky Way" P. R. THORP, Science, pp 12-21.
 5. "The Ancient Settlement of Siberia" LEON VADIMOV
SCIENTIFIC JOURNAL of the STATE TECHNICAL UNIVERSITY,
SCIENTIFIC INSTITUTE, no 11-15.
 6. "Collision, the Discovery of Element Li" K. SUDAN,
 pp 16-22.
 7. "The Eye and the Light" George D. M. WILSON, SCIENCE, pp 19.
 8. "Collision, the Construction of Higgs" G. ANDREW
WEISS, SCIENCE, TECHNICAL,
 9. "A Few Words About a Prototype of Laser Vehicles" H. BLAT, pp 22-23.
 10. "Science in the Service of Production" L. DICMAN,
SCIENCE and TECHNICAL INSTITUTE, SCIENTIFIC JOURNAL,
 11. "Great Discoveries" BRITISH SCIENCE, SCIENTIFIC JOURNAL,
 12. "A Stroke from the Name of the Model Actor",
SCIENTIFIC JOURNAL pp 35-36.
 13. "An Interview through the Radio Station" JOHN
DEWEY, SCIENCE TECHNICAL INSTITUTE, SCIENTIFIC JOURNAL,
 14. "The Future of Party and Science" L. SHEVET, SCIENTIFIC,
 pp 14-15.
 15. "The Meaning of the Word Will in Science" A. SOLODOV,
SCIENTIFIC JOURNAL.

— 2/2 —

L 15927-66 EWP(b)/EWP(t) JD
ACC NR: AP6008368

SOURCE CODE: RU/0017/65/000/002/0072/0075

AUTHOR: Suciuc, N. (Engineer); Suciuc, E. (Engineer)

ORG: "Otelul Rosu" Works (Uzinele "Otelul rosu")

TITLE: Studies concerning the segregations in the 0.8-ton rimming ingot steel

SOURCE: Metalurgia, no. 2, 1965, 72-75

TOPIC TAGS: rimmed steel, metal casting, metal chemical analysis

ABSTRACT: In their studies on segregation in 0.8-ton rimming ingot steel, the authors found that the principal elements segregate in the order Mn, C, P and S; the positive segregation is much larger than the negative one for all elements except Mn; the degree of segregation increases from the edges towards the center and from the bottom towards the top in the two internal zones. Orig. art. has: 7 figures and 2 tables. [JPRS]

SUB CODE: 11, 13 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 001

Card 1/1

UDC: 669.141.241.4-41:620.184.2

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

RMV, DCC, Eng.

Page Excerpts. St si Ten Bus 14 no.2:29 F '62.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

MILCU, St.-M.; DRAFTA, Denise; MAICANESCU, Madeleine; TACHE, Alina;
CIOCCIRDIA, Cezarina; STROE, Emilia; OFRESCU, Maria; SUCIU,
Eugenia; CRISTOVEANU, Ana

Functional capacity of Leydig cells studied with the Jayle test
in several testicular syndromes. Stud. cercat. endocr. 15 no.6:
555-562 '64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SERBAN, AI. M.D.; SIMIONESCU, N.; DAMIAN, AI.; TACHE, ALINA; SUCIU, Eugenia.

Some possible correlations between ovarian histopathology and chromatography of 17-ketosteroids in pilary virilism. Stud. cercet. endocr. 16 no.1845-53 '65.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SERBAN, Al.M.D.; DAMIAN, Al.; SUCIU, Eugenia

2 cases of familial androgenism (Stein-Leventhal syndrome).
Stud. cercet. endocr. 15 no.2:169-173 '64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

L 33310-66 8/20(t)/PMI JPR(b) SS
ACC NR: AF60216019

SOURCE CODE: RU/0017/65/000/006/0293/0297

36
B

AUTHOR: Suciu, N. (author); Suciu, E. (Engineer)

ORG: "Otelul Rosu" Works, (Uzinele "Otelul rosu")

TITLE: Aging behavior of some soft steels

(b)

SOURCE: Metalurgia, no. 6, 1965, 293-297

TOPIC TAGS: metal aging, plastic deformation, aluminum containing alloy, steel

ABSTRACT: From a study on the aging of several new types of steel, the authors conclude that after plastic cold deformation the sensitivity to aging of soft steels declines with increasing aluminum contents. Orig. art. has: 9 figures and 3 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 11, 20 / SUBM DATE: none / ORIG REF: 005

Card 1/1

UDC: 669.14.018.26:620.193.91

Heterogeneous complex salts. L. G. SPAUER and G. SCHOEN (Bull. Soc. Chim. Belg., 1930, 5, 191-219; Chem. Zentral., 1930, II, 534-535).—The following compounds have been prepared: $[M\text{ en}_3]\text{HgI}_4$ ($M = \text{Zn}$, Cd, Ni); $[\text{Ox en}_3]\text{HgI}_4$; $[\text{Ni en}_3]\text{HgI}_4$; $[\text{Co en}_3]\text{CdI}_4$; $[\text{Co en}_3]\text{HgI}_4$; $[\text{Co en}_3]\text{Hg}(\text{CN})_4$; $[\text{Ni en}_3]\text{HgBr}(\text{CN})_4$; $[\text{Cu en}_3]\text{HgSO}_4(\text{CN})_4$; $[\text{Ox en}_3]\text{HgCl}_4(\text{SCN})_4$; $[\text{Ox en}_3]\text{HgCl}_4(\text{CN})_4$; $[\text{Co en}_3]\text{HgCl}_4$; $[\text{Co en}_3]\text{HgI}_4$; $[\text{Ox en}_3]\text{CdI}_4$. A. A. ELDREDGE.

A. A. ELDREDGE.

a-1

כוננות וריאציות מודולריים

ABE-SEA METALLURGICAL LITERATURE CLASSIFICATION
BOOK DIVISION

AUTOMATIC
1974 AUG 26 CMC 151

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

Suciuc, G. C.

I-16

Rumania /Chemical Technology. Chemical Products
and Their Application

Treatment of natural gases and petroleum.
Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31905

Author : Suciuc G. C.

Title : Technological Analysis of Atmospheric Petroleum
Distillation Unit

Orig Pub: Petrol. si gaze, 1954, 5, No 3, 106-116; 1955,
6, No 6, 261-272

Abstract: Description of the method of a technological
analysis of the operation of a unit, which makes
it possible to determine its total output. A
diagram of the unit and data secured during a
12-hour observation of its operation are given,

Card 1/2

• APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

Rumania /Chemical Technology. Chemical Products
and Their Application

I-16

Treatment of natural gases and petroleum.
Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31905

and also the calculations required for determining
the output of the furnace. In the second part of
the paper are considered the basic technological
parameters of the furnace, distillation column,
heat-exchangers and pump which feeds the unit.

Card 2/2

Rumania/Analytical Chemistry - Analysis of Inorganic Substances, G-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1228

Author: Popper, E., Olteanu, I., Popescu, H., and Suciu, Gh.

Institution: None

Title: A Colorimetric Method for Determining Antimony in Ores. On the Utilization of Rumanian Ores

Original Periodical: Rev. chim., 1956, Vol 7, No 6, 367-369 (published in Rumanian with summaries in German and Russian)

Abstract: After acid decomposition of the ore, the Sb is separated in the form of SbOCl and determined colorimetrically with $\text{CS}(\text{NH}_2)_2$ as a colored complex. A sample of the ore is treated repeatedly, first with HNO_3 , then with HCl , followed by evaporation to dryness. HCl (1:2) and hot water are added; dropwise addition of 25% NH_4OH is continued until a red color is obtained with phenolphthalein; in the presence of Cu the end point is blue. The solution is diluted with hot water, stirred, and allowed to stand until cool. The precipitate is filtered off,

Card 1/2

Country : Rumania H-2
City/Region :
Abs. Jour. : 46015
Author : Suciuc, Gh.; Schorr, V.
Institut. :
Title : Study of the Steady State Fluidization Process

Crit. Per. : Rev. chim., 1958, 9, No 9, 482-490

Abstract : Experiments were conducted on fluidization of sand and glass beads with air, water, and ligrcin. As a result of the experiments and of an analysis of experimental data of other investigators it was ascertained that the curve representing the friction factor λ as a function of Re shows a break at the point $Re = 2$, which indicates the existence of two modes of fluidization: laminar ($Re < 2$) and turbulent ($Re > 2$). It was found that in the steady state fluidization process the form coefficient is the coefficient of proportionality which depends also on the properties of the fluid. -- Z. Khaimskiy.

Card:

SUCIU, I. ; KREMER, H.

Semicontinuous founding of aluminum and its alloys. p. 1076.
Conference on the problem of using radioactive isotopes in USSR iron metallurgy.
p. 1113.
Czechoslovak exhibition of industrial products. p. 1113.
Conference on welding held at "alle, German Democratic Republic. p. 1115.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 5, no. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 6, June 1959

Unci.

SUJU, I.; FEIDER, Z.

New Oribatidae (Acarina) in the fauna of Rumania. p.395.

Academia Republicii Populare Romane. COMUNICARILE. Bucuresti, Rumania.
Vol. 8, no. 4, Apr. 1958

Monthly list of East European Accessions (EEAI) Vol.8, no.7, July 1959

Unc1.

MOGA, A.; DOBO, S.; OBRASCU, C.; POP, V.; SUCIU, I.; VLAICU, R.;
WEISZ, L.

Study of the incidence and etiopathogenesis of hypertension in
young adults. Bul. stin., sect. med. 8 no.2:371-384 Apr-June 56.

(HYPERTENSION
in youths aged 16 to 20, incidence & etiopathogen.)

RUMANIA/General Problems of Pathology - Allergy.

U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4078

Author : Fodor, A., Pitea, P., Orha, I., Suciu, I.

Inst :

Title : Pathophysiological and Therapeutic Studies of Allergic Injuries of the Skin

Orig Pub : Med. interna. 1958, 10, ch 2, 261-267

Abstract : A change of activity of the vessels was established with the aid of plethysmography in patients with allergic injuries of the skin. Normalization of the vasoconstrictor reaction coincided with clinical improvement following a course of therapy with chlorpromazine.

Card 1/1

- 8 -

MOGA,A.,Academician; HARAGUS,St.; ORHA,I.; SUCIU,I.; BUTNARIU,M.;
CAPIINA,S.; OPINCARU,A.

Value of the biochemical syndrome in diagnosis and interpretation
of atherosclerosis. Probl. card.,Bucur. 4: 21-34 '59.

(ARTERIOSCLEROSIS, diagnosis)

(CHOLESTEROL, blood)

(LIPOPROTEINS, blood)

(LIPIDS, blood)

SUCIU,I.; SIMU,G.; SIMPLALEANU,L.; ORHA,I.

The antistreptolysin O titer (ASLO) in rheumatism and other
diseases. Probl. ter., Bucur. 10 no.3:51-62 '59.
(ANTISTREPTOLYSIN,blood)
(RHEUMATISM,blood)
(STREPTOCOCCAL INFECTIONS,blood)
(ENDOCARDITIS,BACTERIAL, blood)

ZAGREANU, I., dr.; SUCIU, I., dr.; MAZILU, A., dr.

Observations on the incidence of arterial hypertension in a rural environment. Med. intern. 14 no.2:161-165 F '62.

l. Lucrare efectuata in clinica medicala I, Cluj (director: acad. Aurel Moga).

(HYPERTENSION statistics) (ENVIRONMENT)
(RURAL HEALTH)

MOGA, A., acad.; SUCIU, I., dr.; ZAGREANU, I., dr.

Epidemiological investigations of hypertensive disease. Med. intern.
14 no.4:555-559 My '62.

1. Lucrare efectuata in Clinica I medicala, I.M.F. Cluj.
(HYPERTENSION) (MORBIDITY)

MOGA, A., acad.; ZAGREANU, I., dr.; SUCIU, I., dr.; SIMPLACENAU, A.; SAVU, I.,
conf.

Considerations on the contribution of environmental physical factors
to the distribution of rheumatic heart disease. Med. intern. 14 no.4:
599-602 My '62.

1. Lucrare efectuata in Clinica I medicala si la Catedra de geografie
a Universitatii "Babes-Bolyai", Cluj.

(RHEUMATIC HEART DISEASE) (WEATHER) (CLIMATE)
(HOUSING) (CLOTHING)

ZAGREANU, I., dr.; VAGAUNESCU, Gh., dr.; SUCIU, I., dr.

Observations on the value and method of performing clinical examinations
in the epidemiological study of cardiovascular diseases. Med. intern.
14 no.4:621-624 My '62.

1. Lucrare efectuata in Clinica I medicala, Cluj, director acad. A. Moga.
(CARDIOVASCULAR DISEASES) (RURAL HEALTH)
(HEALTH SURVEYS)

SUCIU, I., dr.; DREJMAN, I., dr.; SCORNICI, S., dr.

Contribution to the study of the normal values of arterial pressure and of some factors which prevent the development of hypertensive disease in workers working in high temperatures. Med. intern. 14 no.12:1499-1504 D '62.

1. Lucrare efectuata in cadrul Catedrei de igiena muncii si a Sectiei de boli profesionale de pe linga Clinica I medicala I.M.F. Cluj.
(BLOOD PRESSURE) (EXERTION) (HEAT) (HYPERTENSION)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

ALIPER, Z.; SUCIU, I.

Development stages and the structure of the *Neobalaustium*
borceanum population. Studii biol agr Iasi 14 no.1:51-57
'63.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

SUCIU, I., dr.; DREJMAN, I., dr.; VALASKAI, M., dr.

Contribution to the study of diseases caused by vinyl chloride.
Med. intern. 15 no.8:967-978 Ag '63.

1. Lucrare efectuata in cadrul Catedrei de igiena muncii si
boli profesionale si al Sectiei de igiena muncii a Institutului
de igiena, Cluj.

(OCCUPATIONAL DISEASES) (PLASTICS)
(POLYVINYLS) (DERMATITIS, CONTACT)
(SCLERODERMA) (RAYNAUD'S DISEASE)
(NEURASTHENIA) (NEUROLOGIC MANIFESTATIONS)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUCIU, I.

Dilatable spectral representations of a commutative Banach algebra.
Studii cerc mat 16 no.10:1211-1220 '64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

PRODAN, I.; URSAU, G.; SUCIU, I.

Investigations on the evolution of the oil occupational saturation.
Romanian med. rev. 19 no.11-12 Ap. 1975.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

RUMANIA / General and Specialized Zoology. Insects. P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6641.

Author : Constantineanu, Mihai, I., Suciu, Ioan., Andreescu, Ionel., Ciocchia, Victor., Pisica, Constantin.

Inst : Iasi University.

Title : A Contribution to the Fauna of the Chalcids (Chalcidoidea Ashmead 1889) Parasitic on the Aporia Crataegi L., in the Neighborhood of Jassy in Rumania.

Orig Pub: An stiint. Univ. Iasi, 1956, Sec 2, 2, No 1,
113-125.

Abstract: Eight species of chalcids were hatched from the chrysalises of the Aporia crataegi L. Drawings of them are given. -- M. N. Nikol'skaya.

Card 1/1

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUCIU, Ion I.

A natural extension of the commutative Banach algebra. Rev math
pures 7 no.3:483-491 '62.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

MIHUL, Const., prof.; RUSCIOR, C.; POP, V.; SUCIU, M.; RADULESCU, G.

Fluorescence spectra of mineral oils. Studii fiz tehn Iasi 10 no.2:
151-157 '59. (EEAI 9:9)

1. Comitetul de redactie, Studii si cercetari stiintificem Fizica
si stiinte tehnice, Filiala Iasi, Academia Republicii Populare
Romane (for Mihul).
(Mineral oils) (Fluorescence) (Spectrum analysis)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

MIHUL, C.; RUSCIOR, C.; POP, V.; SUCIU, M.; RADULESCU, Gh.

Fluorescence of mineral oils. Studii fiz tehn Iasi 12 no.1:7-14 '61.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUCIU, M.

"Theory and computation of molecular oscillations" by L.S. Mayants.
Reviewed by M. Suciu. Studii fiz tehn Iasi 13 no.1:145 '62.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

RUSCIOR, C.; SUCIU, M.; VASILUTA, L.

Molecular spectral analysis by the combined diffusion of light.
Studii fiz tehn Iasi 14 no.1:163-168 '63.

REZLESCU, N.; SUCIU, M.; STEFAN, V.

Amplification and generation of electromagnetic waves with the
aid of quantomechanic systems (Maser, Iraser, Laser). Studii fiz
tehn Iasi 14 nc.1:203-234 '63.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUCIU, M.

"Infrared methods, principles and applications" by G.K.Conn,
D.G.Avery. Reviewed by M.Suciu. Studii fiz tehn Iasi 14
no.1:245-246 '63.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

MIRUL, C.; RUCCIOR, C.; SUCIU, M.; MOLDOVANU, Al.

Determination of the aromatic compounds in light gasoline
by the Raman spectral analysis. Studii fiz tehn Iasi 14 no.
2:369-373 '63.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

CALINICENCO, N., PIATONI, I.; MULDOVANU, AL; POPA ROM, N., SUGIU, M.

Research on terrestrial migration in the Carpathian Massif zone
in 1963. Studii si rezultate 14 - 1963, 195 - 163.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

Receiv. /11/1974 - TAN

RUMANIA/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19564

Author : Marta Stan Suciu, Riri Zeligher

Inst : C. J. Parhon University

Title : Application of Ascorbic Acid to Volumetric Determination of Tin.

Orig Pub: An. Univ. "C. J. Parhon". Ser. Stiint. Natur.,
1956, No 10, 39 - 50.

Abstract: Sn is eliminated from the solution by reducing it with metallic Al or Zn; the metallic Sn is dissolved in HCl, then the ion Sn^{2+} is oxidized by an excessive quantity of titrated FeCl_3 solution and boiling, the titer having been determined using the ascorbic acid (determined with iodine) at 60° and pH 1 in presence of KSCN as of an indicator.

Card 1/1

- 44 -

SUCIU, Nicolae, ing.; SUCIU, Elena, ing.

Results of tests on the carburization of the metal bath with coke during steel elaborating in Martin furnaces. Metalurgia si constr mas 15 no.3:204-206 Mr '63.

SUCIU, Nicolae, ing.; MUNTEANU, Pavel, ing.

Studies on the decarbonization of band steel. Metalurgia si
constr mas 15 no.3:212-215 Mr '63.

SUCIU, Nicolae, ing.

Device for sorting the laminated products according to
their carbon content. Metalurgia si constr mas 15 no.3:
227-228 Mr '63.

SUCIU, N., ing.; SUCIU, E., ing.

Research on the segregations in the 0,3 t. rimmed ingot steel.
Metalurgia Rum 17 no.2:72-75 F '65.

1. "Otelul rosu" Plant.

L 54181-65 SWP(1)/SWP(t)/SWP(b) JD

ACCESSION NR: AP5017715

EG/0017/64/000/010/0433/0438

10

B

AUTHOR: Suciu, N. (Engineer)

TOPIC: Properties of pickling mixture - an effect of steel processing

TOPIC TAGS: pickling, sheet metal

ABSTRACT: A discussion of pickling mixtures on thin sheets. Basing his conclusions

Code 1/1

L 15927-66 EWP(b)/EWP(t) JD

ACC NR: AP6008368

SOURCE CODE: RU/0017/65/000/002/0072/0075

AUTHOR: Suciu, N. (Engineer); Suciu, E. (Engineer)

ORG: "Otelul Rosu" Works (Uzinele "Otelul rosu")

TITLE: Studies concerning the segregations in the 0.8-ton rimming ingot steel

SOURCE: Metalurgia, no. 2, 1965, 72-75

TOPIC TAGS: rimmed steel, metal casting, metal chemical analysis

ABSTRACT: In their studies on segregation in 0.8-ton rimming ingot steel, the authors found that the principal elements segregate in the order Mn, C, P and S; the positive segregation is much larger than the negative one for all elements except Mn; the degree of segregation increases from the edges towards the center and from the bottom towards the top in the two internal zones. Orig. art. has: 7 figures and 2 tables. [JPRS]

SUB CODE: 11, 13 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 001

Card 1/1

UDC: 669.141.241.4-41:620.184.2

GAVRILA, I., prof.; MURESTIANU, T., dr.; SOLOVIEV, M., dr.; SUCIU, O., dr.; BALABAN, C.

The clinical aspect of Salmonella typhimurium infections. Med. intern. 14 no.6:653-658 Je '62.

1. Lucrare efectuata in Clinica de boli contagioase, I.M.F., Cluj.
(SALMONELLA INFECTIONS) (SALMONELLA TYPHIMURIUM)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

RUMANIA

616.935-022.7-039.

GAVRILA, I., Prof, ARDELEANU, R., Dr, and SUCIU, O., Dr. Work performed at the IMF [Institutul de Medicina si Farmacie; Medical-Pharmaceutical Institute] Cluj.

"Current Problems in Bacterial Dysentery."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 6, Nov-Dec 66, pp 495-500.

Abstract [Authors' English summary modified]: A brief analysis of 489 cases of bacterial dysentery treated at the Cluj Communicable Diseases Clinic in 1960-1964. The typical clinical characteristics of dysentery were evident in only 265 of the cases (69.2 percent). The basic treatment involved administration of chloramphenicol, resulting in rapid recovery and bacteriologic sterility in 79.4 percent of the cases. During the same period, 96 adult carriers of dysentery were also hospitalized for sterilization.

Includes 13 references, of which one Russian and 12 Rumanian. -- Manuscript submitted 4 April 1965.

SUDIN, P.: SHALIZIN, I.

Studies on the coefficient of wood friction on wood or other materials.
p. 245.

INDUSTRIE LUMINCIU. (Asociatia Stiintifica a Inginerilor si Tehnicienilor
din Romania si Ministerul Industriei Lemnului)
Bucuresti, Romania
Vol. 5, no. 2, July 1959.

Monthly List of Eastern European Accession Index (LELI) LC vol. 6, No. 11
November 1958
Incl.

SUCIU, P.N. [Suciu, P.N.], inzh.

Expansion of bent furniture manufacture in Rumania. Der.prom. 11
no.1:28-29 Ja '62. (MIRA 15:1)

1. Ministerstvo lesnogo khozyaystva Rumynskoy Narodnoy Respubliki.
(Rumania--Furniture industry).

SUCIU, S., ing.; BUSUIOCESCU, C., ing.

Drilling with the ZIF 650 A installation in the Jiu Valley.
Rev min 13 no.7:318-321 Jl '62.

SUCIU, S., ing.; BUSUIOCESCU, C., ing.

Efficiency of drilling performed with the ZIF-1200 A equipment in the
Jiu Valley. Rev min 13 no.10:469-473 0 '62.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUCIU, S., ing.

Type AS self-sharpening core drill with 97, 124, and 160 mm. diameters.
Rev min 14 no.3:129-132 Mr '63.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUCIU, S., inv.

New orientation in the borehole construction of deep drillings in the
Jiu Valley. Rev min 15 no.3:130-135 Mr '64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

SUCIU, T.

Device for control of burning fuel in boilder. p. 5

TEHNICA NCUA, Bucuresti, Vol 3, No. 35, Feb., 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

Scanned by
COSTACHEL, O.; GRIGORESCU, St.; SUCIU, Tr.

Local and systemic reactions pertaining to the method of protected
x-ray therapy in man. Rumanian M. Rev. 2 no.1:62-66 Jan-Mar 58.
(RADIOTHERAPY, in various dis.

cancer, local & systemic reactions to protected
x-ray ther.)

(NEOPLASMS, ther.
radiother., local & systemic reactions to protected
x-ray ther.)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

CHIRICUTA, I.; SUCIU, T.

Iterative spinal anaesthesia by the anterior route. Romanian M. Rev.
2 no.1:70-72 Jan-Mar 58.
(ANESTHESIA, SPINAL
iterative anterior route technic in prolonged surg.)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

KIRICUTA, I. [Chiricuta, I.]; SUCIU, T.; NEGRU, I.

Evaluation of lymph node excision in the treatment of cervical
cancer grade I and II with metastases to the pelvic lymph nodes.
Nowotwory 14 no.3:233-235 Ag-S '64.

1. Z Instytutu Onkologii w Bukareszcie i Cluj, Rumunia.

S. I. C. T. O. - M. I. P. R. A. / F. A. G. I. C. H.
VOICULESCU, Marin; GOIATESCU, Maria; ICHEONIU, Radvan; SUCIU-NIEAN, Florica;
COLOME, Alexandra

St. Micrococcus in hospitalized patients. Probl. ter., Bucur. 5:79-87
1957.

(MICROCOCCUS IN HOSPITALS
Pathogenic & antibiotic-resistant types isolated from
hospitalized patients in Rumania)

EXCERPTA MEDICA Sec.15 Vol.10/3 Chest Disease Mar57

795. SUKKAJA L.I. and SLEPCOVA A.I. *Experience in complex treatment of chronic forms of pulmonary tb (Russian text) KLIN. MED. (Mosk.) 1955, 33/2 (84)

In 58 patients with chronic tb, hygienic-dietetic treatment, combined with anti-bacterial treatment and pneumoperitoneum, was employed. The latter therapy in particular appeared superior to all other methods in several cases. The pneumoperitoneum led to defervescence of pyrexia and to changes in the entire organism. All the patients had open tb and the majority had involvement of other organs. Chemotherapy consisted of administration of PAS, streptomycin, isoniazid and thiosemicarbazone. These drugs also improved the general condition.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

HANKIEWICZ, Jan; ANTEK, Bozena; SUCKEL, Barbara

Evaluation of routine determination of blood sugar level using
o-toluidine. Pol. tyg. lek. 20 no.14:521-523 5 Ap '65.

I. Z I Kliniki Chorób Wewnętrznych Śląskiej AM w Katowicach
(Kierownik: prof. dr. J. Japa).

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

HANKIEWICZ, Jan; SUCKEL, Barbara

Studies on the content of bound sulfur (double bond) in the bile
using an induced reaction to sodium azide with iodine. Pol. tyc.
lek. 20 no.26:959-961 28 Je '65.

1. Z I Kliniki Chorob Wewnetrznych Slaskiej AM w Katowicach
(Kierownik: prof. dr. J. Japa).

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

SCHMIDTER, Michael, mgr. inż.

Research on the combustion of sludge coal and coke on the
flat grate of a steam boiler. Inst techn ciepl prace 2 no.2:
22-28 154.

SUCKEWER, Michal, mgr inz.

Experiences in operating boiler units with cyclone burners for hard
coal. Energetyka Pol 14 no.7:193-197 Jl '60. (EEAI 10:1)
(Boilers) (Anthracite coal)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUCKEWER, Michal, mgr inz.

Sulfur burning in sulfite pulp mills. Przegl papier 21 no.3:78-
79 Mr '65.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

of particles with a higher degree of ionization will not differ from that of the lighter ones. The experimental range of the energy of a

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

1 - 2425

A. U.S. 134-444338

134-444338 F-134-444338

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

L 8379-66 EPF(a)-2/EWT(1)/ETC/ENG(m)	IJP(c)	AT
ACC NR: AP6001622	SOURCE CODE:	P0/0046/65/010/004/0195/0200
AUTHOR: Endishayets, Genrikh--Jedrzejec, H.; Sukever, Shimon--Suckewer, S.	44, 55	44, 55
ORG: Institute of Nuclear Research (Institut Yadernykh Issledovaniy)	44, 55	59 B
TITLE: Measurement of velocity of plasma in the plasmotron nozzle and in the free stream of plasma		
SOURCE: Nukleonika, v.10, no.4, 1965, 195-200		
TOPIC TAGS: plasma velocity, plasma measurement, plasma dynamics		
ABSTRACT: A method for the measurement of plasma velocity inside the plasmotron nozzle as well as for measurement of plasma velocity from the combustion chamber is described. The method is based on the optical observations of the ion cloud produced in the plasma by the electric discharge. The results of velocity measurements as a function of mass of flow of the stabilizing gas in the plasmotron and of flow of the fuel in the combustion chamber are given. The authors express their thanks to Prof. V. Bzhozovskij for his constant interest in the work and for valuable discussions.		
Orig. art. has: 4 figures, 2 tables. [NA]		
SUB CODE: 20 / SUEM DATE: none / ORIG REF: 001 / OTH REF: 001		
SOV REF: 001		
Card 1/1 ad.		

SUCIANEGHI, I.

About the mechanical action to produce an insulin shock.

P. 87 (Academia Republicii Popular Romine. Institutul de Fiziologie Normală și Patologică. Studii și Cercetări de Fiziologie. Vol. 1, no. 1/2, Jan./June 1956. Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

VASILESCU, V.; COVASNEANU, Zenobia; DUMITRESCU-PAPAHAGI, Elena; FOTINO, S.;
BITTMAN, E.; SUCMANSCHI, Maria; GHIZARI, Eugenia; IONESCU, C.

On some metabolic and hematological reactions of chemical workers to
nitroaromatic substances. Studii cerc fiziol 5 no.1:53-57 '60.
?(EEAI 9:12)

1. Institutul de fizicologie normala si patologica "Prof. Dr.
D.Danielopolu al Academiei R.P.R. 2. Redactor responsabil adjunct,
Studii si cercetari de fiziologie (for Vasilescu)
(NITRO GROUP)
(AROMATIC COMPOUNDS)
(BLOOD)
(METABOLISM)
(CHEMICAL WORKERS)

CRAINICEANU, Al.: COVASNEANU, Zenobia; STRUNGARU, Gr.; SUCMANSCHI, Maria

Action of insulin upon the cholinesterase and the muscular reactivity.
Studii cerc fiziol 5 no.2:405-409 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(INSULIN) (CHOLINESTERASES) (MUSCLES)

GURNSPAN, M.; SUCMANSCHI, Maria

Effect of insulin upon the anaphylactic shock and the liberation
of histamine in dogs. Studii cerc fiziol 5 no.3:571-578 '60.
(EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(INSULIN) (ANAPHYLAXIS) (HISTAMINE)

GROZA, P.; CORNEANU, Maria; SUCHANSCHI, Maria

Transmission of vagal excitation at the level of
pyloric antrum. Studii cerc fizici 5 no. 4:687-691 '60.

(1. Pneumogastric nerve) (2. Pylorus)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
2. Membru a Comitetului de redactie "Studii si cercetari de fiziologie" (for Groza).

VASILESCU, V.; COVASNEANU, Zenobia; DUMITRESCU-PAPAHAGI, Elena; FOTINO, S.;
BITTMAN, E.; SUCMANSCHI, Maria; GHIZARI, Eugenia; IONESCU, C.

Clinical and laboratory investigations concerning metabolic, hematological,
and neuromuscular excitability changes in workers from the nitro-aromatic
compounds chemical industry. Rumanian M Rev. no.1:275 Ja-Mr '61.

1. The "Prof. Dr. Danielopolu" Institute of Normal and Pathological
Physiology, Academy of the R.P.R., Director: Acad. Gr. Benato.
(METABOLIC DISEASES) (BLOOD DISEASES)
(NERVE ENDINGS diseases) (OCCUPATIONAL DISEASES)
(TRINITROTOLUENE toxicology)

BENETATO, Gr., acad.; PARTENI, Lucia; GABRIILESCU, Elena; BOROS, I.;
SUCMANSCHI, Maria

Studies on the colloidocochemical state of the proteins of the nervous
tissue in relation to the histochemical modifications in an experi-
mental allergic encephalomyelitis. Studii cerc fiziol 6 no.2:
207-220 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.
Danielopolu" al Academiei R.P.R. 2. Redactor responsabil, "Studii si
cerceintari de fiziologie", (for Benetato).

(COLLOIDS) (PROTEINS) (NERVOUS SYSTEM)
(HISTOCHEMISTRY) (ALLERGY)
(ENCEPHALOMYELITIS)

POL.

007.34.004.18

1939

Sukowid K. Computation Standards for Polish Heating Systems.
"Normy obliczeniowe ogrzewania w Polsce" Gat. Woda i Technika Sanitarna, No. 8, 1933, pp. 287-270, 1 fig., 1 tab.

The problem of economizing raw materials, particularly iron, used in central heating installations in workers' settlements. The quantities of these materials are in direct ratio to the amount of heat required for the interior heating of premises. The amount of heat so required can be reduced by preventing heat losses and proper construction of the building. Major heat losses occur where the radiators are placed in recesses under the windows. To prevent such heat losses, a thin aluminum sheet should be placed in between the radiator and the wall; alternatively, the recess underneath the window may be coated with aluminum enamel paint. The author suggests certain formulas for computing the total saving in heat (approx. 5 per cent) by efficacious protection of window recesses. An alternative effective method of reducing the amount of heat expended, is to adapt the heating system to the actual outside temperature standards on which the computations have so far been based. The author suggests, on the basis of daily temperature variation records for Warsaw and Moscow for a period of some dozens of years, the reduction by several degrees, for the 3 climatic ranges in Poland, of the outside temperatures taken as standard for the computation of heating systems.

SUD, I.I.

AID P - 791

Subject : USSR/Mining

Card 1/i Pub. 28 - 1/11

Authors : Shch'nikov, M. B. and Sud, I. I.

Title : Automatic well drilling regulator of the BAR-150 type

Periodical : Energ. byul. #7, 1-9, J1 1954

Abstract : General arrangement and electrical design of automatic control equipment for well drilling operations is described with special attention to the feed of the bits. Electric circuit and energy distribution is illustrated by 8 diagrams.

Institution : None

Submitted : No date

AID P - 1314

Subject : USSR/Electricity

Card 1/1 Pub. 28 - 3/7

Author : Sud, I. I.

Title : Servo-drive gear BAR-150 in automatic control systems

Periodical : Energ. byul., #12, 13-18, D 1954

Abstract : General description, circuit diagram and method of operation of the BAR-150 mechanism are given as applicable for right and left rotation of drilling tools or for speed control.

Institution : None

Submitted : No date

AID P - 3040

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 27/33

Authors : Shkol'nikov, B. M., Eng. and I. I. Sud

Title : Automatic drilling regulator (Review of technical periodicals)

Periodical : Elektrichestvo, 7, 146-147, J1 1955

Abstract : The authors summarize data from two Soviet periodicals, and give a description of the regulator with one diagram, 2 Soviet references (1954).

Institution : None

Submitted : No date

SUD, I.I.; SHKOL'NIKOV, B.M.

New system for controlling the feed of the bit in electric drilling.
Energ.biul.no.3:17-23 '56. (MIRA 9:7)
(Oil well drilling--Equipment and supplies) (Electric controllers)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUD, I.I.

Crystal power rectifiers. Energ.biul. no.6:29-30 Je '56.

(MLRA 9:8)

(United States--Electric current rectifiers)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

SHKOL'NIKOV, B.M.; SUD, I.I.

Improved characteristics of bottom electric meters driving the
bit. Energ.biul.no.7:20-24 J1 '56. (MLRA 9:10)
(Electric meters) (Oil well drilling--Equipment and supplies)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUD, I.I.

Modern American diesel electric drills. Energ. biul. no.3:28-30
Mr '57. (MIRA 10:4)
(United States--Boring machinery)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

SUD, I.I.

The largest reversible turbine pump. Energ.biul. no.9:31-32 S '57.
(MIRA 10:10)
(United States--Hydraulic turbines)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUD, I.I.

Electric drill brake with ferromagnetic powder filler. Energ.fiul.
no.10:31-32 O '57. (MIRA 10:10)
(United States--Oil well drilling)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUD, I.I.

New drill feed regulator. Energ.biul. no.12:30 D '57. (MIRA 10:12)
(Oil well drilling)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUD, I.I.

Electric viscosimeter. Energ. biul. no.1:3 of cover Ja '58.
(Viscosimeter) (MIRA 11:1)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

SUD, I.I., inzh.

Electric equipment of the world's largest excavator (from
"Popular Science," 168 no.4: 1956; "El. Times," 30 no.3384
1956). Elektriches two no.1:92 Ja '58. (MIRA 11:2)
(United States--Excavating machinery)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0

SUD, I.I.

"Evaporation" cooling of diesels in drilling rigs (from "The Petroleum Engineer," no.3, 1957). Energ. biul. no.2:32 F '58.
(Diesel engines) (MIRA 11:1)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720016-0"

AUTHOR:

Sud, I.I.

90-58-345/9

TITLE:

The Problem of The Electrical Braking of Drilling Winches
(K voprosu ob elektricheskem tormozhenii burovykh lebedek)

PERIODICAL:

Energeticheskiy byulleten': 1958, Nr 3, pp 14-16 (USSR)

ABSTRACT:

The author disagrees with two of D.I. Mar'yanovskiy's statements in his article on the electric braking of drilling winches. He demonstrates that the maximum moment developed by the braking assembly should be 1.5 - 2 times greater than the static moment on the drum of the winch, i.e. more than Mar'yanovskiy has suggested, and that it does not depend on the speed of rotation. The mechanical brake should be used as an emergency brake and applied only under exceptional circumstances. After examining the types of braking equipment, the author came to the conclusion that the most efficacious is an electromagnetic brake with ferro-magnetic packing. There are 4 references, 3 of which are Soviet and 1 English.

1. Winches--Development 2. Brakes--Determination

Card 1/1

14(5)

SOV/112-59-5-9626

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 5, p 168 (USSR)

AUTHOR: Sud, I. I.

TITLE: New Equipment of BAR-150 Automatic Feed for Turbo Drilling

PERIODICAL: Novosti neft. tekhn. Neftepromysl. delo, 1958, Nr 4, pp 8-11

ABSTRACT: BAR-150 automatic feed mechanism designed by the Central Design Bureau of the "Elektroprivod" plant is briefly described. Tests showed that the axial load can be maintained with an error of about 1-1.5 tons. Two illustrations.

Card 1/1

AUTHOR: Sud, I.I.

90-58-6-7/7

TITLE: Electrical Equipment of Movable Drilling Platforms and Tenders
(Elektrooborudovaniye peredvizhnykh burovykh platform i tenderov)

PERIODICAL: Energeticheskiy Byulleten', 1958, Nr 6, pp 30-32(USSR)

ABSTRACT: The article describes the electrical equipment of movable drilling platforms and tenders used in the USA from data extracted from the foreign press over the last two years. There are 2 tables and 6 non-Soviet references.

Card 1/1 1. Drilling machines-Equipment 2. Electrical equipment-Applications

AUTHORS: Shkol'nikov, B. M., Engineer, Sud, I. I. 105-58-6-18/33
Engineer

TITLE: Some Properties and the Computation of a Multi-Motor Drive System With a Mechanical Differential (Nekotoryye svoystva i raschet sistemy mnogodvigatel'nogo privoda s mekhanicheskim differentsialom)

PERIODICAL: Elektrichestvo, 1958, Nr 6, pp. 69-74 (USSR)

ABSTRACT: Here the way of computing and selecting the gear ratios of the electric engines of the electric drive are given according to the diagram of connections as shown here, and on the basis of the experience made in the operation, in comparison to other known diagrams of connections. In the diagram of connections shown here one asynchronous motor K with shunted rotor and one d.c. dynamo D drive two driving shafts of the gear. Simultaneously the motor K drives another d.c. dynamo G. The dynamo D and G are coupled according to the diagram of connections generator-motor. Their excitation is independent. The engine K is fed by the alternative-current net. Analogous diagrams of connections are used by the firm "Speed Control" (USA). First the selection of the gear ratio is treated. It is shown that with given load moment M_w at the initial shaft of the gear the value of the load moment at the shaft of the dynamo D,

Card 1/3

Some Properties and the Computation of a Multi-Motor Drive 105-58-6-18/33
System With a Mechanical Differential

M_D , can be determined with a certain exactness according to the angular factor of this straight line. M_D determines the weight, the dimensions and the costs of the dynamo D. Analogously the section separated from the n_w axis (velocity of the initial shaft of the gear) by this line characterizes the output of the engine K. In the investigation of the reduction factor for the moments of inertia and resistance it is shown that the moments of inertia that are reduced to the differential bridge are reduced to the driving gear wheels by division with the constant factor $k_{drive}^2 = 4$. The moments of resistance are reduced by means of the same factor $k_{drive} = 2$. For the selection of the engine the functional diagram of connection of the drive is used. The formulae necessary for the computation of the moments of the engine are given in tabular form. For the characteristic mechanical properties of the drive in general form the equation (15) is given. The velocity of the driven shaft of the gear is controlled by variations of the excitation in the dynamos G and D. For the efficiency of the gear the equation (16) is given. The advantages of the system as described

Card 2/3

Some Properties and the Computation of a Multi-Motor Drive
System With a Mechanical Differential 105-58-6-18/33

here are: 1) The possibility of obtaining any small rotational speed at the control shaft without increasing the velocity at the driving shaft up to values undesired because of the cooling of the motor. 2) The possibility of reversing the control shaft without reversing the direction of rotation in the electric engines. 3) The possibility of obtaining a wide range for the variation of the speed at the control shaft at a comparatively small range of speed regulation in the electric engines. - Among the disadvantages of such drives are the low efficiency in the operation with characteristic control curves and the comparatively complicated gear construction. There are 3 figures, 2 tables, and 5 references, 4 of which are Soviet.

ASSOCIATION: Giproneftemash Gosplana RSFSR(Giproneftemash Gosplana RSFSR)
SUBMITTED: December 27, 1957

Card 3/3 1. Electric motors--Performance 2. Mechanical drives--Design
3. Mechanical drives--Control 4. Mathematics

AUTHORS: Shkol'nikov, B. M., Engineer,
Sud, I. I., Engineer

30V105-58-7-31/52

TITLE: K. N. Kulizade. "Electric Equipment for Oil Drilling"
(K. N. Kulizade. Elektrooborudovaniye dlya bureniya
neftyanikh dolzin)

PERIODICAL: Sletktricheskoe, 1958, Nr 7, pp. 94 - 94 (USSR)

ABSTRACT: This is a review. Second revised and enlarged edition. 621
pages, price 22.75 Roubles. "Aznefteizdat" publishing house,
1957. The book is intended for students of the department
of oil fields at the petroleum institutes. Chapter
I - VII: Short history of the development of Soviet electrical
equipment in the working aggregates. General data on electric
power. Chapter VIII - XXII: data on the electric equipment
of the boring plants, i. e.: chapter VIII: fundamental
requirements for electric drives, as well as on the separate
drives (table, winch, pumps). Chapter IX: load diagrams of
the boring- and hoisting motors. Chapter X, XI, and XII
gives a good survey of the calculation formulae for the
determination of the power of the electromotor. Chapter XIII:
properties and characteristics of Diesel-electric drives of

Card 1/2

K. N. Kulizade. "Electric Equipment for Oil Drilling" 105-58-7-51/32

boring plants and circuits which were worked out in the course of the last years by the Giproneftemash, Uralkhazavod and the TsKB "Elektroprivod". Chapter XIV: demands on the plants for automatic thrust of the cutting head. Chapter XV: electric drill. Chapter XVI - XVIII: description of the control circuit. Chapter XIX: safety devices. Chapter XX - XXI: of the Electric supply circuits and illumination circuits. Chapter XXII: an ingenuous method for the standardization of the electric energy consumption according to the bore hole advance. Enclosure : table of breakdowns and measures for their elimination.

ASSOCIATION: Giproneftemash (Giproneftemash)

1. Drilling machines--Applications 2. Electrical equipment
--USSR

Card 2/2

SOV-90-58-9-4/8

AUTHOR: Sud, I.I.

TITLE: Selecting the Gear Ratio for the Top Speed of a Drilling Winch (O vybore peredatochnogo chisla dlya vyshey skorosti burovoy lebedki)

PERIODICAL: Energeticheskiy byulleten', 1958, Nr 9, pp 9-12 (USSR)

ABSTRACT: The author discusses the factors which must be taken into account when calculating the optimum gear ratio for the top speed of a drilling winch. The working regime of an electric drive with triangular and trapezoidal speed graphs is discussed and illustrated by formulae. The author comes to the conclusion that the main factor to be taken into account in calculating the gear ratio is the minimum time needed to shift the grapple at a given section of its path, with a trapezoidal cinematic form of movement. This gear ratio (i_0) may be calculated from the following formula:

$$i_0 = \sqrt{\frac{3 \cdot 2GD^2}{375 \times 60 S_{p.m.d}}}$$

Card 1/2

8(3), 8(5)

AUTHOR: Sud, I. I., Engineer, Scientific
Secretary of the Department SOV/105-59-1-24/29

TITLE: In the Editorial Office of the Periodical "Elektrichestvo"
(v redaktsii zhurnala "Elektrichestvo")

PERIODICAL: Elektrichestvo, 1959, Nr 1, pp 93-93 (USSR)

ABSTRACT: The first meeting of the Department "Electric Drive, Electric
Machines and Transformers" of the editorial staff of the
periodical "Elektrichestvo" took place on November 26, 1958.
In the meeting took part: the members of the Department,
the representatives of the leading schools and scientific
electrotechnical research organizations and works, as well as
collaborators of the editorial staff. I. I. Petrov, Professor,
Doctor of Technical Sciences, member of the editorial staff,
pointed out that the tasks of the Department include the
revision of articles provided for publication, of criticism
and articles in dispute, the engagement of new authors for
collaboration, the ordering of articles on the most important
questions of development of electric drive and electric
machines. He noted an insufficient illustration in the
periodical of problems concerning theory and practice of

Card 1/3

In the Editorial Office of the Periodical
"Elektrichestvo"

SOV/105-59-1-24/29

automatic control, of the dynamics of electric drive with elastic connections, of the frequency control with static frequency converters, of the drive in metallurgy, and of electric welding. Not sufficiently illustrated are the problems of the use of semiconductors in industry, as well as those of computer technique and of the control of electric drive and electric traction, according to a set program. N. I. Bulgakov, Candidate of Technical Sciences, A. Ya. Lerner, Doctor of Technical Sciences, L. G. Mamikonyants, Candidate of Technical Sciences, N. A. Polyak, Candidate of Technical Sciences, P. S. Sergeyev, Candidate of Technical Sciences, and N. A. Tishchenko, Engineer, took part in the discussion. They pointed out the usefulness of discussions on the excitation of synchronous machines, on new principles in projecting electric machines and transformers. They emphasized the necessity of strengthening the relations of the periodical to leading electric engineering works. E. F. Silayev, Engineer, collaborator of the editorial staff of the periodical "Elektrichestvo" reported on the contents of articles published in 1958 in the periodical "Elektrichestvo". The Department

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